

Exhibit IV



Blast 2 Sequences results

PubMed

Entrez

BLAST

OMIM

Taxonomy

Structure

BLAST 2 SEQUENCES RESULTS VERSION BLASTP 2.2.13 [Nov-27-2005]

Matrix: gap open: gap extension:
 x_dropoff: expect: wordsize: Filter ☐ View option:
 Masking character option: Masking color option:
☐ Show CDS translation

Sequence 1: gi|47117817|sp|O75376|NCOR1_HUMANNuclear receptor corepressor 1 (N-CoR1) (N-CoR).

Length = 357 (312 .. 668) SEQ ID NO: 11

Sequence 2: gi|1045655|gb|AAC50236.1|silencing mediator of retinoid and thyroid hormone action

Length = 1495 HSU37146

No significant similarity was found

CPU time: 0.03 user secs. 0.01 sys. secs 0.04 total secs.

Lambda	K	H
0.308	0.126	0.350

Gapped

Lambda	K	H
0.267	0.0410	0.140

Matrix: BLOSUM62

Gap Penalties: Existence: 11, Extension: 1

Number of Sequences: 1

Number of Hits to DB: 3726

Number of extensions: 2346

Number of successful extensions: 1

Number of sequences better than 10.0: 0

Number of HSP's gapped: 1

Number of HSP's successfully gapped: 0

Length of query: 357

Length of database: 1,196,146,007

Length adjustment: 134

Effective length of query: 223

Effective length of database: 1,196,145,873

Effective search space: 266740529679

Effective search space used: 266740529679

Neighboring words threshold: 9

X1: 16 (7.1 bits)

X2: 129 (49.7 bits)

X3: 129 (49.7 bits)

S1: 42 (21.7 bits)

S2: 78 (34.7 bits)

